

In the claims:

1. In a radio communication system having a network part at which a network-copy database is maintained and a mobile node at which a mobile-copy database is maintained, an improvement of apparatus for facilitating placement of data stored at a selected one of the
5 network-copy database and mobile-copy database in synchronization with one another pursuant to a synchronization session, said apparatus comprising:

a first change list creator embodied at the selected one of the network-copy database and mobile-copy database, said first change list creator for creating a first change list that lists change indicia of each change made to the selected one of the network-copy database and mobile-copy
10 database during a selected period;

A first change-list lock that selectably permits and prohibits changes to the first change list created by said first change list creator, said first change list lock for locking the first change list, thereby to prohibit changes to the first change list, upon commencement of the
synchronization session.

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2. The apparatus of claim 1 further comprising a change list identifier for associating an identity value with the change list created by said first change list creator, the identity value associated with the change list subsequent to locking thereof by said first change list lock.

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3. The apparatus of claim 2 wherein the identity value associated by said change list indicator with the first change list created by said first change list creator comprises a numerical value.

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4. The apparatus of claim 3 wherein the numerical value associated by said change list indicator with the first change list uniquely identifies the first change list.

5. The apparatus of claim 3 further comprising a register for storing at least a prior-associated value previously associated with a previously-used change list formed prior to a prior synchronization session, and wherein the identity value used by said change list indicator is
30 incrementally related to the prior-associated value.

6. The apparatus of claim 5 wherein said change list indicator increments the prior-associated value by an integer value to form the identity value.

5 7. The apparatus of claim 1 wherein the synchronization session commences and said first change-list lock locks the first change list when selection is made to send the first change list between the mobile node and the network part.

8. The apparatus of claim 2 wherein session state information is communicated
10 between the mobile node and the network part upon commencement of the synchronization session and wherein the identity value formed by said change list identifier forms part of the session state information.

9. The apparatus of claim 1 wherein, once locked by said first change-list lock, the
15 first change list created by said first change list creator remains locked while at least one change indicia is contained in the first change list.

10. The apparatus of claim 1 wherein the change indicia contained in the first change list created by said change list creator comprises new-record indicia representative of at least a
20 first record added to the selected one of the network-copy database and mobile-copy database.

11. The apparatus of claim 1 wherein the change indicia contained in the first change list created by said change list creator comprises altered record indicia representative of at least a first change.
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12. In a method of communicating in a radio communication system having a network part at which a network-copy database is maintained and a mobile node at which a mobile-copy database is maintained, an improvement of method for facilitating placement of data stored at a selected one of the network-copy database and mobile-copy database in
30 synchronization with one another pursuant to a synchronization session, said method comprising:

creating a first list that lists change indicia of each change made to the selected one of the network copy database and the mobile copy database; and

selectably locking the first change list, thereby to prohibit changes to the first change list, upon commencement of the synchronization session.

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13. The method of claim 12 further comprising the operation of associating an identity value with the change list created during said operation of creating, the identity value associated with the change list subsequent to locking of the change list during said operation of selectably locking.

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14. The method of claim 13 wherein the identity value associated with the first change list during said operation of associating comprises a numerical value.

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15. The method of claim 14 wherein the numerical value associated during said operation of associating with the first change list uniquely identifies the first change list.

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16. The method of claim 13 further comprising the operation of storing at a register at least a prior-associated value previously associated with a previously-used change list formed prior to a prior synchronization session, and wherein the identity value used during said operation of associating is incrementally related to the prior-associated value.

17. The method of claim 16 wherein said operation of associating comprises incrementing the prior-associated value by an integer value to form the identity value.

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18. The method of claim 12 wherein locking of the change list performed during said operation of locking is performed when selection is made to send the first change list between the mobile node and the network part.

19. The method of claim 18 further comprising the operation, prior to said operation of selectably locking, of selecting to send the first change list between the mobile node and the network part.

- 5 20. The method of claim 12 wherein, once locked during said operation of locking, the first change list remains locked while at least one change indicia is contained in the first change list.